

Rpt. 11b.

Amended Report

Index No. 30780
(For London Office only.)Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
TOP GALLIES, FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
WITH RAIL GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.Port of Survey Swansea
Date of Survey January 1923
Name of Surveyor G. F. RobsonShip's Name SS "AIGBURTH" Port of Registry Design Official Number 147196 Gross Tonnage 1184 Date of Build. 1921-3 Particulars of Classification. * 100 A.1.
Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	220	35.1	13.8	854
Length on LOADLINE.	220	Frame Depth 63 Rule " 4 2.3	Ceiling fitted Sheer +.65 Level tank	Peak Tanks } Incl.
CORRECTED DIMENSIONS.	220	34.72	14.45	854.

Moulded Depth as measured..... 15'-10"
Addition for Keel below base line for draught record..... inches.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	220
Length in Table	190
Difference	30
Correction for 10ft., Table A.	1.0
× Difference divided by 10	3.0
If 10ths length covered divide by 2	1.5
	+ 1 1/2"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 10ths length covered	3
Thickness of usual wood deck, less stringer	3

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	35.0
Round of Beam	9
Normal round.....	8 3/4
Difference	1/4 ÷ 2 = 1/8
Proportion of Deck uncovered (Para. 19)	

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

Efficient of fineness.....	77
Any modification necessary [Para. 4 (a) to (e)]*	C.D.B.
Efficient as corrected	75
Sheer { Stem..... 73 } 107 ÷ 2 = 53 1/2...Mean	55.45
at { Sternpost ... 34 }	32
Sheer at 1/2 of the length from { Stem 40 } 61 ÷ 2 = 30 1/2...Mean	36
{ Sternpost 21 }	23.45
Gradual mean Sheer ... 53.5 + 55.45	54.47
Standard mean Sheer [Table, Para. 18]	32.0
Difference.....	22.47 ÷ 4 = 5.62
§ If limited as Para. 18 (f)	- 5 1/2"

Rise in Sheer { At front of bridge house.....	4"
from amidships { Para. 18 (e) } At after end of forecastle	44"

Fall in Sheer { Para. 18 (d) } ÷ 2 =	
Length uncovered	Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	0'-8"
Correction for Length, if required (Para. 12, 13, and 14)	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	2-2 3/4
Difference	1-6 3/4
Percentage as below <u>Par. 12 Scale</u>	47.2%
Class A closing appliances in Bridge front.	8.85
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	-9"
Allowance for Deck Erections	

	Length.	Length allowed.	Height.
Forecastle.....	23.0	23.0	7'-0"
Bridge House	54.0	54.0	7'-0"
Raised Qr. Dk.....	77.0 × 3.5/3.8	70.92	3'-6"
oop.....			
Total	154.0	147.92	
Length of Ship	220	220	
Corresponding percentage (Para. 11, 12, 13, or 14)	47.2%		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line	above centre of Disc	
Indian Summer Line	" " "	
Winter Line	below " "	
Winter North Atlantic Line	" " "	

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§ If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
+ In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
* In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

Winter Freeboard	1-4 1/4
Summer Freeboard	1-2 1/2
Indian Summer Freeboard	1-0 3/4
N. A. Winter Freeboard	1-7 1/4
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood (iron) deck with side.	1 1/2

Winter Freeboard from deck line	1-5 3/4
Summer " " " "	1-4
Indian Summer " " " "	1-2 1/4
N. A. Winter " " " "	1-8 3/4

N. A. Winter " " " " 1'-4"

Steel Deck 3 1/2"
2"
1 1/2"
4 1/2"

+ State dimensions of freeing port area on back of this form.

+ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft, should be reported.

MARKING FORM
RECEIVED 5 FEB 1928

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Do all the Frames extend to the top height in the Poop? _____ Raised Quarter Deck? _____ Bridge House? _____ Forecastle? _____
To what height do the Reverse Frames extend? _____
Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ☒
Give particulars of the means for closing the openings in Bulkhead *Stormboards full height in riveted channels.*
Is the Poop or Raised Quarter Deck connected with the Bridge House? ☒ Has the Bridge House an efficient Bulkhead at the fore end? ☒
Give particulars of the means for closing the openings in Bulkhead _____
What is the thickness of the Bridge Front plating? _____ and Coaming plate? _____
Give scantlings and spacing of the Stiffeners _____
Are bracket plates fitted at each end of the Stiffeners? _____ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? _____
Has the Bridge House an efficient Iron Bulkhead at the after end? _____
How are the openings closed? _____
Is the Forecastle at least as high as the main or top-gallant rail? _____ Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? _____
Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? _____
If the openings are not so protected are the exposed parts of the Casings efficiently constructed? _____
Give thickness of plating; scantlings and spacing of Stiffeners _____
What is the height of the exposed Casings? _____ Are suitable means provided for closing all openings in them in bad weather? _____
Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

Position and Size.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.	
Item.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.	
COAMING.	Height above top of DECK														
	Thickness { Sides.....														
	{ Ends.....														
SHIFTING BEAMS OR WEB PLATES.	Number														
	Section and Scantlings														
	Material														
* FORE AND AFTERS.	Number														
	Section and Scantlings														
	Material														
HATCHES Thickness															
Remarks.....															

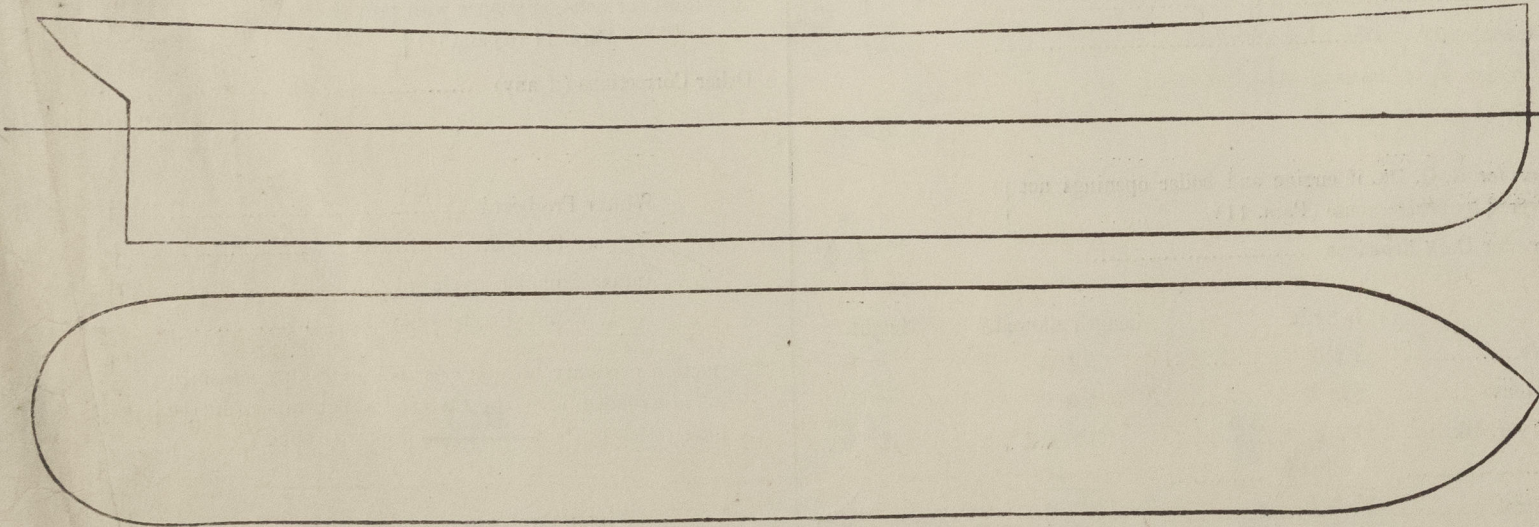
Other particulars as per report dated 29.1.28

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.
What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are~~ satisfactory.

See marking form

Length of Bulwarks in well _____
Area of Freeing Ports required by Para. 11 (e) each side of vessel = _____ Sq. ft.
Ft. Tenths. Ft. Tenths. No. } Freeing Ports = _____ Sq. ft.
 x x } (each side of vessel)
 x x } _____
Total deficiency or excess = _____ Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel _____
Builder's name and yard number _____
Names of sister vessels _____
Owners _____
Address _____

Fee £ _____ Received by me _____



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